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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

First Named Inventor: MIURA, SEIJI

Art Unit: 2186

Appln. No.: 10/536,460

Examiner:

Filed: May 25, 2005

Confirmation No.: 6477

For: MEMORY MODULE, MEMORY SYSTEM, AND INFORMATION DEVICE

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, and without any assertion as to materiality or prior art effect, the documents listed on the attached Form PTO/SB/08A are hereby cited.

Documents AS, AT, AU, AV and BQ on the attached List were cited in the specification on pages 1 and 2 and their relevance is cited therein.

Documents AA-AR, AS, AT, AV and AW-BP on the attached List were cited in the International Search Report (copy attached).

Document AT is the European counterpart of Document AS. Documents AB-AE were cited in the International Search Report as family members of AW. Document AF was cited in the International Search Report as family member of AX. Document AG was cited in the International Search Report as family member of Document AY. Documents BC and AH were cited in the International Search Report as family members of Document BB. Documents BF, AI and AJ were cited in the International Search Report as family members of Document BE. Documents BH and AK were cited in the International Search Report as family members of Document BG. Documents AL and AM were cited in the International Search Report as family members of Document BI. Documents BM, BN, AN, AO and AP

were cited in the International Search Report as family members of Document BL.

Documents AQ and AR were cited in the International Search Report as family members of Document BP.

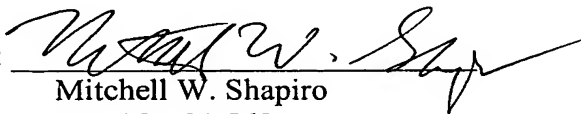
The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

Date: December 6, 2005

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete it Known			
		Application Number	10/536,460		
		Filing Date	May 25, 2005		
		First Named Inventor	MIURA, SEIJI		
		Art Unit	2186		
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	XA-10365

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	2004/0049629	A1	03/2004	MIURA et al.	711/105
	AB	2001/0046167	A1	11/2001	AYUKAWA et al.	365/200
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	AD	6,411,561	B2	6/2002	AYUKAWA et al.	365/230.03
	AE	2002/0131318	A1	9/2002	AYUKAWA et al.	365/230.03
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	AN	5,838,603		11/1998	MORI et al.	365/63
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	AQ	6,292,426	B1	9/2001	IKEDA et al.	365/230.03
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AS	JP	5-299616	A	11/1993	ISHIHARA et al.		Abstract
	AT	EP	0 566 306	A2	10/1993	ISHIHARA et al.		YES
	AU	JP	7-146820	A	6/1995	KATAYAMA et al.		Abstract
	AV	JP	2001-005723	A	1/2001	SUZUKI		Abstract

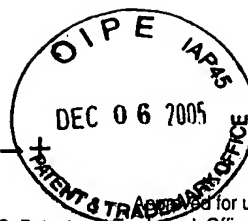
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Complete it Known</th> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/536,460</td> </tr> <tr> <td>Filing Date</td> <td>May 25, 2005</td> </tr> <tr> <td>First Named Inventor</td> <td>MIURA, SEIJI</td> </tr> <tr> <td>Art Unit</td> <td>2186</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> </table>	Complete it Known		Application Number	10/536,460	Filing Date	May 25, 2005	First Named Inventor	MIURA, SEIJI	Art Unit	2186	Examiner Name	
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Art Unit	2186												
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Sheet 2 of 2	Attorney Docket Number XA-10365												

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country	Serial No.	Kind				
	AW	JP	2001-344967	A	12/2001	AYUKAWA et al.		Abstract
	AX	JP	2002-366429	A	12/2002	MIURA et al.		Abstract
	AY	JP	2003-6041	A	1/2003	AYUKAWA et al.		Abstract
	AZ	WO	98/25213	A1	6/1998	NOGUCHI et al.		Abstract
	BA	WO	98/25271	A1	6/1998	NOGUCHI et al.		Abstract
	BB	JP	2001-510612	A	7/2001	PASHLEY et al.		Abstract
	BC	WO	98/29816	A1	7/1998	PASHLEY et al.		YES
	BE	JP	2001-357684	A	12/2001	TAKATA et al.		Abstract
	BF	EP	1 164 594	A1	12/2001	TAKATA et al.		Yes
	BG	JP	2003-15954	A	1/2003	SUMITANI et al.		Abstract
	BH	EP	1 271 540	A2	1/2003	SUMITANI et al.		Yes
	BI	JP	2002-251884	A	9/2002	SAKUI		Abstract
	BJ	JP	6-215589	A	8/1994	MATSUNO et al.		Abstract
	BK	JP	8-305680	A	11/1996	KASUGA et al.		Abstract
	BL	JP	8-167703	A	6/1996	MORI et al.		Abstract
	BM	EP	0 707 316	A2	4/1996	MORI et al.		Yes
	BN	EP	1 154 434	A1	11/2001	MORI et al.		Yes
	BP	JP	2000-339954	A	12/2000	IKEDA et al.		Abstract

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BQ	SHARP CORPORATION, "a stacked memory (stacked CSP) a flash memory + a RAM data Sheet" type name LRS1380, (online), December 10, 2001 (URL: http://www.sharp.co.jp/products/device/flash/cmlist.html)	

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